

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2176	liquid adj crystal and Matsuda	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 12:24
L2	12	liquid adj crystal and Matsuda near2 Satoru	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 12:24
L3	850993	(backlight or LCD or liquid adj crystal or panel) and (case or casing or frame or box or housing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 12:57
L4	426	3 and opening near3 ((bent or bend\$4) near3 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 12:48
L5	44	3 and opening near3 (((bent or bend\$4) near3 portion) near3 inward\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 12:48
L6	11	"5929950"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 12:55
L7	803154	(backlight or LCD or liquid adj crystal or panel) and (case or casing or frame or housing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 12:58
L8	14	(backlight or LCD or liquid adj crystal or panel) and ((case or casing or frame or housing) near3 ((thermal\$4 near2 conductive) near2 insulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:03

## EAST Search History

L9	515	(backlight or LCD or liquid adj crystal or panel) and ((case or casing or frame or housing) near3 (thermal\$4 near2 conductive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:04
L10	249	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 (thermal\$4 near2 conductive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:28
L11	8	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 (thermal\$4 near2 conductive) near2 plastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:08
L12	6	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 (thermal\$4 near2 conductive) near2 resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:09
L13	6	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 ((thermal\$4 near2 conductive) near2 resin))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:10
L14	100	(backlight or LCD or liquid adj crystal) and ((thermal\$4 near2 conductive) near2 resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:24
L15	23	"362"/\$.ccls. and (thermal\$4 near2 conductive) near2 resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:35
L16	25	"362"/\$.ccls. and (thermal\$4 near2 conductive) near2 plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:43

## EAST Search History

L17	0	"362"/600.ccls. and (thermal\$4 near2 conductive) near2 plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:19
L18	1	"362"/600.ccls. and (thermal\$4 near2 conductive) near2 (plastic or resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:21
L19	0	"362"/631,632.ccls. and (thermal\$4 near2 conductive) near2 (plastic or resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:22
L20	1	"362"/631,632.ccls. and (thermal\$4 near2 conductive) near2 insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:22
L21	1	"362"/\$.ccls. and (housing near3 (thermal\$4 near2 conductive) near2 insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:23
L22	91	(backlight or LCD or liquid adj crystal) and ((heat near2 conductive) near2 resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:24
L23	120	(backlight or LCD or liquid adj crystal) and ((heat near2 conductive) near2 (resin or plastic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:38
L24	180	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 (heat near2 conductive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:03

## EAST Search History

L25	15	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 ((heat near2 conductive) near2 (plastic or resin)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:52
L26	1	"362"/\$.ccls. and housing near3 ((heat near2 conductive) near2 (resin or plastic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:45
L27	75	((heat near2 conductive) near2 (resin or plastic)) near3 insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:40
L28	29	(housing or frame or case or casing) same ((heat near2 conductive) near2 (resin or plastic)) near3 insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:42
L29	0	(backlight or LCD or crystal adj display) same ((heat near2 conductive) near2 (resin or plastic)) near3 insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:42
L30	1752	(thermal\$4 near2 conductive) near2 (plastic or resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:44
L31	3025	((thermal\$4 or heat) near2 conductive) near2 (plastic or resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:44
L32	58	31 and "362"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:31

## EAST Search History

L33	6153	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 ((heat near2 conductive) near4 ceramic resin))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:32
L34	79232	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 ((thermal or heat) near2 conductive) near4 ceramic resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:34
L35	1	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 ((thermal or heat) near2 conductive) near4 ceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 13:54
L36	232	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 ((thermal or heat) near2 conductive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:00
L37	491	(housing or container or case or casing) same ((thermal or heat) near2 conductive) near3 (plastic or resin or seramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 15:00
L38	1	(backlight or LCD or liquid adj crystal) and (container near3 ((heat or thermal\$4) near2 (conductive near3 (plastic or resin or ceramic))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:05
L39	8	37 and "362"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:06
L40	200	33 and "362"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:31

## EAST Search History

L41	4	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 ((heat near2 conductive) near4 (ceramic or plastic or resin)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:33
L42	17	(backlight or LCD or liquid adj crystal) and ((case or casing or frame or housing) near3 ((thermal or heat) near2 conductive) near4 (ceramic or resin))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:36
L43	0	((heat or thermal\$4) near3 comduct\$4) near3 (electric\$4 near3 insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:38
L44	0	((heat or thermal\$4) near3 comduct\$4) near3 (non-electric\$4 near2 conduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:39
L45	0	((heat or thermal\$4) near3 comduct\$4) near3 (electric\$4 near2 non-conduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:39
L46	7	(electric\$4 near2 non-conduct\$4) near3 heat adj dissipat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:40
L47	21	(electric\$4 near2 non-conduct\$4) near3 heat adj sink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:42
L48	21	"5949505"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:42

## EAST Search History

S10 3	0	(backlight or LCD or liquid adj crystal) and (light near2 guide) and housing near3 ((hole or opening) near3 heat )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 16:15
S10 4	2713	(backlight or LCD or liquid adj crystal) and (light near2 guide) and housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 15:14
S10 5	453	S104 and "362"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 15:16
S10 6	16	S105 and (hole or opening) near3 heat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 15:14
S10 7	35	(backlight or LCD or liquid adj crystal) and housing near3 ((hole or opening) near3 heat )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 16:25
S10 8	51	(backlight or LCD or liquid adj crystal) and (case or casing or frame) near3 ((hole or opening) near3 heat )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 15:33
S10 9	56	(backlight or LCD or liquid adj crystal) and (case or casing or frame or box) near3 ((hole or opening) near3 heat )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 15:37
S11 0	208	(backlight or LCD or liquid adj crystal or panel) and (case or casing or frame or box) near3 ((hole or opening) near3 heat )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 12:44

## EAST Search History

S11 1	357	362/632-634.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 15:50
S11 2	110	362/632-634.ccls. and heat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 15:50
S11 3	9	("5537296"   "6108060").PN. OR ("6386722").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 15:52
S11 4	39	("3892959"   "3968584"   "4568179"   "4630895"   "4648690"   "4729067"   "4729068"   "4811507"   "4842378"   "4860171"   "4933814"   "4974122"   "4985809"   "5057974"   "5124890"   "5130898"   "5134549"   "5283673"   "5363294"   "5764493"   "5949505").PN. OR ("6108060"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:15
S11 5	12	(backlight or LCD or liquid adj crystal) and housing near3 ((protrusion or slot) near3 heat )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 16:16
S11 6	12	(backlight or LCD or liquid adj crystal) and housing near3 ((protrusion or slot) near3 heat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 16:24
S11 7	3	"7165862"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 16:25
S11 8	43	(backlight or LCD or liquid adj crystal) and housing near5 ((hole or opening) near3 heat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 16:29



## EAST Search History

S11 9	19	(backlight or LCD or liquid adj crystal) and container near5 ((hole or opening) near3 heat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 16:29
S12 0	9	("5046826"   "5128781"   "5202950"   "5659410"   "5664873"   "5704703"   "5815227"   "6241358"   "6334690").PN. OR ("6927812").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:35
S12 1	2	backlight and hole near5 heat and Wu	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:53
S12 2	5	("5146354"   "5703665"   "5808707"   "5929950"   "6195141").PN. OR ("7095461").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:39
S12 3	5	("5886759"   "6154262"   "6490016"   "6891580"   "7030942").PN. OR ("7153018").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:48
S12 4	914	backlight and Ho	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:54
S12 5	683	back near2 light and heat and Ho	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:55
S12 6	0	back near2 light and heat and Yi-Chun adj Ho	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:55
S12 7	1	back near2 light and heat and Yi-Chun near1 Ho	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:57
S12 8	1	back near2 light and heat\$4 and Yi-Chun near1 Ho	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:57
S12 9	841	back near2 light and heat\$4 and Ho	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 16:57
S13 0	43	S129 and "362"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 17:04
S13 1	10	"5677746"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 10:20

## EAST Search History

S13 2	21	"5949505"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 12:55
S13 3	39	("3892959"   "3968584"   "4568179"   "4630895"   "4648690"   "4729067"   "4729068"   "4811507"   "4842378"   "4860171"   "4933814"   "4974122"   "4985809"   "5057974"   "5124890"   "5130898"   "5134549"   "5283673"   "5363294"   "5764493"   "5949505").PN. OR ("6108060"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 10:26
S13 4	7	("5815227"   "5831697"   "6064455"   "6108060").PN. OR ("6339418").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 12:23